

07/17/98  
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U.S. PTO  
JC551

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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P4661

Total Pages 3

First Named Inventor or Application Identifier James T. Hurley

Express Mail Label No. EL034145335US

ADDRESS TO: **Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D. C. 20231**

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification (Total Pages 31)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3.  Drawings(s) (35 USC 113) (Total Sheets 10)
4.  Oath or Declaration (Total Pages   )
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed) (Note Box 5 below)
  - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission

(if applicable, all necessary)

- a. Computer Readable Copy
- b. Paper Copy (identical to computer copy)
- c. Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. Assignment Papers (cover sheet & documents(s))

9. a. 37 CFR 3.73(b) Statement (where there is an assignee)

- b. Power of Attorney

10. English Translation Document (if applicable)

11. X a. Information Disclosure Statement (IDS)/PTO-1449

X b. Copies of IDS Citations

12. Preliminary Amendment

13. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

14. a. Small Entity Statement(s)

- b. Statement filed in prior application, Status still proper and desired

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. X Other: Unsigned Declaration and Power of Attorney

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. **If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

Continuation Divisional Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

18. **Correspondence Address**

Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar Code Label here)

or

X Correspondence Address Below

NAME Leo V. Novakoski (Reg. No. 37,198)

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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12/01/97

- 2 -

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$) 872.00

## Complete if Known:

Application No. \_\_\_\_\_

Filing Date \_\_\_\_\_

First Named Inventor James T. Hurley

Group Art Unit \_\_\_\_\_

Examiner Name \_\_\_\_\_

Attorney Docket No. 042390.P4661

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name \_\_\_\_\_

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)

2.  Payment Enclosed

 Check Money Order Other

## FEE CALCULATION (fees effective 10/01/97)

1. FILING FEELarge Entity      Small Entity

Fee      Fee      Fee      Fee

Code      (\$) Code      (\$)      Fee Description

Fee Paid

101	790	201	395	Utility application filing fee
106	330	206	165	Design application filing fee
107	540	207	270	Plant filing fee
108	790	208	395	Reissue filing fee
114	150	214	75	Provisional application filing fee

790.00SUBTOTAL (1) \$790.002. CLAIMS

	<u>Extra</u>	<u>Fee from below</u>	<u>Fee Paid</u>
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Total Claims <u>17</u>	<u>- 20</u> = <u>0</u>	X <u>22.00</u>	= <u>0.00</u>
Independent Claims <u>4</u>	<u>- 3</u> = <u>1</u>	X <u>82.00</u>	= <u>82.00</u>
Multiple Dependent Claims		X	=

Large Entity      Small Entity

Fee      Fee      Fee

Code      (\$) Code      (\$)      Fee Description

Fee Paid

103	22	203	11	Claims in excess of twenty
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$82.00

## FEE CALCULATION (continued)

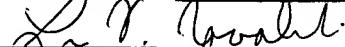
### 3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
			<b>Surcharge - late filing fee or oath</b>
			<b>Surcharge - late provisional filing fee or cover sheet</b>
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
			<b>Non-English specification</b>
			<b>For filing a request for reexamination</b>
			<b>Requesting publication of SIR prior to Examiner action</b>
113	1,840*	113	1,840*
			<b>Requesting publication of SIR after Examiner action</b>
115	110	215	55
116	400	216	200
117	950	217	475
118	1,510	218	755
128	2,060	228	1,030
			<b>Extension for response within first month</b>
			<b>Extension for response within second month</b>
			<b>Extension for response within third month</b>
			<b>Extension for response within fourth month</b>
			<b>Extension for response within fifth month</b>
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
			<b>Notice of Appeal</b>
			<b>Filing a brief in support of an appeal</b>
			<b>Request for oral hearing</b>
			<b>Petition to institute a public use proceeding</b>
			<b>Petition to revive unavoidably abandoned application</b>
141	1,320	241	660
			<b>Petition to revive unintentionally abandoned application</b>
142	1,320	242	660
			<b>Utility issue fee (or reissue)</b>
143	450	243	225
144	670	244	335
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
			<b>Petitions to the Commissioner</b>
			<b>Petitions related to provisional applications</b>
			<b>Submission of Information Disclosure Stmt</b>
			<b>Recording each patent assignment per property (times number of properties)</b>
146	790	246	395
			<b>For filing a submission after final rejection (see 37 CFR 1.129(a))</b>
149	790	249	395
			<b>For each additional invention to be examined (see 37 CFR 1.129(a))</b>
<b>Other fee (specify)</b> _____			
<b>Other fee (specify)</b> _____			
<b>SUBTOTAL (3) \$0.00</b>			

\*Reduced by Basic Filing Fee Paid

#### SUBMITTED BY:

Typed or Printed Name: Leo V. Novakoski

Signature 

Date 7/17/98

Reg. Number 37,198

Deposit Account User ID 02-2666

(complete if applicable)

jc551 U.S. PTO  
09/118945  
07/17/98

## EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: E034145335US  
Date of Deposit: 7/17/98

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Grace R Cruz  
(Typed or printed name of person mailing paper or fee)

7/17/98  
(Signature of person mailing paper or fee)

7/17/98  
(Date signed)

Serial/Patent No.:	Filing/Issue Date:
Client: <u>INTEL CORPORATION</u>	
Title: <u>EXTENSION OF FAST PHONG SHADING TECHNIQUE FOR BUMP MAPPING</u>	
BSTZ File No.: <u>042390, P4661</u>	Atty/Secty Initials: <u>DHJ/LVN/grc</u>
Date Mailed: <u>7/17/98</u>	Docket Due Date: _____
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:	
<input type="checkbox"/> Amendment/Response (____ pgs.)	
<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	
<input checked="" type="checkbox"/> Application - Utility ( <u>31</u> pgs., with cover and abstract)	
<input type="checkbox"/> Application - Rule 1.60 Continuation (____ pgs.)	
<input type="checkbox"/> Application - Rule 1.60 Division (____ pgs.)	
<input type="checkbox"/> Application - Rule 1.60 CIP (____ pgs.)	
<input type="checkbox"/> Application - Rule 1.62 Transmittal (____ pgs.)	
<input type="checkbox"/> Application - Design (____ pgs.)	
<input type="checkbox"/> Application - PCT (____ pgs.)	
<input type="checkbox"/> Application - Provisional (____ pgs.)	
<input type="checkbox"/> Assignment and Cover Sheet	
<input checked="" type="checkbox"/> Certificate of Mailing	
<input checked="" type="checkbox"/> Declaration & POA ( <u>3</u> pgs. ( <u>unsigned</u> ))	
<input type="checkbox"/> Disclosure Docs & Org & Copy of Inventor's Signed Declaration (____ pgs.)	
<input checked="" type="checkbox"/> Drawings: <u>10</u> # of sheets includes <u>15</u> figures	
<input checked="" type="checkbox"/> Other: <u>Fee transmittal (In duplicate); 4 cited refs.</u>	